

Multiple-Choice Items**Bits and Pieces II**

1. Which picture shows that $\frac{2}{3}$ of the 6 circles are shaded?

A. 

B. 

C. 

D. 

2. An airplane flew at an average speed of 432 miles per hour for $2\frac{1}{2}$ hours. How far did the plane fly?

F. 10.8 miles

G. 108 miles

H. 1,080 miles

J. 10,800 miles

3. Shrya needed 3 cups of flour for a recipe. She could only find a $\frac{1}{4}$ -cup measuring cup. How can she figure out how many times she must fill a $\frac{1}{4}$ -cup measuring cup to get 3 cups?

A. Add 3 and $\frac{1}{4}$.

B. Subtract $\frac{1}{4}$ from 3.

C. Multiply 3 by $\frac{1}{4}$.

D. Divide 3 by $\frac{1}{4}$.

4. $\frac{3}{7} \div \frac{4}{7} = \square$

F. $\frac{12}{49}$

G. $\frac{3}{4}$

H. $1\frac{1}{3}$

J. $1\frac{5}{7}$

5. $\frac{1}{6} + \frac{1}{9} = \square$

A. $\frac{1}{3}$

B. $\frac{5}{18}$

C. $\frac{2}{9}$

D. $\frac{2}{15}$

6. $3\frac{1}{2} \times 4\frac{1}{2} = \square$

F. $15\frac{3}{4}$

G. 14

H. $13\frac{1}{2}$

J. $12\frac{1}{4}$

7. $2\frac{1}{4} - \frac{7}{8} = \square$

A. $3\frac{1}{8}$

B. $2\frac{5}{8}$

C. $1\frac{5}{8}$

D. $1\frac{3}{8}$

Multiple-Choice Items *(continued)***Bits and Pieces II**

8. Carletta bought 14 yards of green string to make shoelaces in the school color for her basketball team. She estimates that it takes $\frac{2}{5}$ yard to make one shoelace. How many shoelaces can she make?
- F. $5\frac{3}{5}$ G. 28 H. 35 J. 42
9. Mr. Cisneros is cooking for an apple celebration. He uses $10\frac{3}{8}$ pounds of apples to bake pies and $5\frac{1}{4}$ pounds of apples to make applesauce. How many more pounds of apples does he use for the pies than for applesauce?
- A. $5\frac{1}{8}$ B. $5\frac{2}{8}$ C. $15\frac{1}{8}$ D. $15\frac{5}{8}$
10. There are 32 students in Ms. Keusch's homeroom. Of the students, $\frac{3}{8}$ are boys. How many boys are in her homeroom?
- F. 6 G. 8 H. 12 J. 14
11. In the refrigerator, Teguh found $\frac{3}{4}$ of a pizza. He ate $\frac{1}{6}$ of what was left. How much of the pizza did he eat?
- A. $\frac{1}{24}$ B. $\frac{1}{8}$ C. $\frac{1}{4}$ D. $\frac{1}{3}$
12. Grace has a bag of three different kinds of cookies. $\frac{2}{9}$ of the cookies have chocolate chips and $\frac{1}{3}$ of the cookies have oatmeal and raisins. How many of the cookies have chocolate chips or oatmeal and raisins?
- F. $\frac{2}{27}$ G. $\frac{1}{9}$ H. $\frac{5}{9}$ J. $\frac{2}{3}$